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(54) [Name of Invention] Apparatus for Analyzing  
Liquid Component Samples

(57) [Summary]

[Purpose] The purpose is to provide an apparatus for  
analyzing liquid component samples, by monitoring  
the state of the sample liquid to be introduced into a  
piping and preventing the mixing of components  
which would lower the accuracy of a components  
analysis.

[Composition] In a stage before a sample liquid is  
provided to an automatic flow passage selector valve  
1, the water quality of the sample liquid is monitored  
by a water quality monitoring sensor 40. Then, based  
on the input from the water quality monitoring sensor  
40, it is determined whether a component is mixed in  
the sample liquid which would be inappropriate for  
the analysis of metal component, and when the sample  
liquid turns out to be unsuitable for the analysis of the  
sample liquid, it is excluded to an external system.

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